

Title (en)
Tangential anti-swirl air supply

Title (de)
Tangentiale Anti-Wirbel-Luftzufuhr

Title (fr)
Alimentation en air tangentielle anti-tourbillonnement

Publication
EP 2009263 A3 20120704 (EN)

Application
EP 08252068 A 20080616

Priority
US 76824007 A 20070626

Abstract (en)
[origin: EP2009263A2] A turbofan flow delivery system includes a fan case (35) housing a fan (24). Flow exit guide vanes (34) are arranged downstream from the fan (24) and extend radially inwardly from the fan case (35) toward a bypass flow path (30). A supply passage (49) includes an opening (60) provided in the fan case (35) between the fan (24) and flow exit guide vanes (34) configured to selectively provide pressurized air to a component using air from the bypass flow path (30). Swirling air from the bypass flow path enters the supply passage (49) and is converted to a static pressure.

IPC 8 full level
F02C 9/18 (2006.01); **F02K 3/06** (2006.01)

CPC (source: EP US)
F02C 9/18 (2013.01 - EP US); **F02K 3/06** (2013.01 - EP US); **Y10T 137/0536** (2015.04 - EP US)

Citation (search report)

- [XY] US 2005226717 A1 20051013 - XU LIPING [GB]
- [XY] FR 2349740 A1 19771125 - BOEING CO [US]
- [X] EP 1517022 A2 20050323 - GEN ELECTRIC [US]
- [A] US 3735593 A 19730529 - HOWELL A
- [A] EP 1191205 A1 20020327 - SNECMA MOTEURS [FR]

Cited by
CN113123866A; FR3048727A1; EP1998027A3; US8657567B2; US10415470B2; EP3751113A1; CN112061404A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2009263 A2 20081231; EP 2009263 A3 20120704; EP 2009263 B1 20130724; JP 2009008070 A 20090115; JP 4947804 B2 20120606; US 2009000272 A1 20090101; US 8082726 B2 20111227

DOCDB simple family (application)
EP 08252068 A 20080616; JP 2008129002 A 20080516; US 76824007 A 20070626